

De novo protein design

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 An abbreviated version of this protocol was published in Science in Feb 2021

De novo design of transmembrane β barrels

DOI: 10.1126/science.abc8182

Detailed protocol

Dear Daniella,

The design scripts can be downloaded on GitHub or Zenodo:

<https://github.com/vorobieva/TransmembraneBBarels>

<https://zenodo.org/record/4068108#.YE8UcZNKjOR>

A detailed description on how to use the scripts is in the Supplementary information associated to the Science paper.

I hope this helps!

Best,

Anastassia

How to cite: (Readers should cite both the Bio-protocol preprint and the original research article where this protocol was used)

1. Vorobieva, A. (2021). De novo protein design. Bio-protocol Preprint. bio-protocol.org/prep928.
2. Vorobieva, A. A., White, P., Liang, B., Horne, J. E., Bera, A. K., Chow, C. M., Gerben, S., Marx, S., Kang, A., Stiving, A. Q., Harvey, S. R., Marx, D. C., Khan, G. N., Fleming, K. G., Wysocki, V. H., Brockwell, D. J., Tamm, L. K., Radford, S. E. and Baker, D. (2021). De novo design of transmembrane β barrels. Science 371(6531). DOI: [10.1126/science.abc8182](https://doi.org/10.1126/science.abc8182)

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